Electronic Acknowledgement Receipt				
EFS ID:	1775450			
Application Number:	10692959			
International Application Number:				
Confirmation Number:	1865			
Title of Invention:	Wireless personal local area network			
First Named Inventor/Applicant Name:	Ronald L. Mahany			
Customer Number:	23446			
Filer:	John A. Wiberg/Deb Wilson			
Filer Authorized By:	John A. Wiberg			
Attorney Docket Number:	14407US02			
Receipt Date:	15-MAY-2007			
Filing Date:	24-OCT-2003			
Time Stamp:	15:10:14			
Application Type:	Utility			
Payment information:				

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1	NPL Documents	C090-Cummings1986.pdf	1400769	no	17
Warnings:					

Information	:				
2	NPL Documents	C091-Fernandez1987.pdf	1232597	no	19
Warnings:					l
Information	:	_	_		
3	NPL Documents	C092-Rafter1989.pdf	960702	no	15
Warnings:					
Information					
4	NPL Documents	C093-Rafter1990.pdf	1437175	no	21
Warnings:					•
Information	:				
5	NPL Documents	C094-William1995.pdf	985288	no	24
Warnings:					
Information	:				
6	NPL Documents	C095-Lessard05-1988.pdf	591869	no	6
Warnings:					
Information					
7	NPL Documents	C096-Williams1989.pdf	407722	no	7
Warnings:					•
Information	:				
8	NPL Documents	C097-Wence1989.pdf	314257	no	5
Warnings:					
Information					
9	NPL Documents	C098-Cochrane10-1985.pdf	1712014	no	15
Warnings:					-
Information	:				1
10	NPL Documents	C099-Leiner03-1985.pdf	1083205	no	6
Warnings:					

Marnings:	Information:					
Information:	11	NPL Documents	C100-Robertazzi01-1986.pdf	540344	no	6
Teach	Warnings:					l-
Warnings: Information: 13 NPL Documents C102-Chien06-1987.pdf 722618 no 8 Warnings: Information: 15 NPL Documents C103-Boggs04-1980.pdf 1439851 no 13 Warnings: Information: 16 NPL Documents C104-Rosner09-1980.pdf 995359 no 11 Warnings: Information: 17 NPL Documents C106-Shacham02-1983.pdf 1018171 no 12 Warnings: Information: 18 NPL Documents C107-Green03-1986.pdf 1254469 no 12 Warnings: Information: 18 NPL Documents C107-Green03-1986.pdf 1254469 no 12 Warnings: Information:	Information:					
Information:	12	NPL Documents	C101-Parr08-1985.pdf	1115915	no	11
NPL Documents C102-Chien06-1987,pdf 722618 no 8	Warnings:					
Marnings: Information:	Information:					
Information:	13	NPL Documents	C102-Chien06-1987.pdf	722618	no	8
NPL Documents C103-Boggs04-1980.pdf 1439851 no 13	Warnings:					
Marnings: Information:	Information:					
Information:	14	NPL Documents	C103-Boggs04-1980.pdf	1439851	no	13
NPL Documents C104-Rosner09-1980.pdf 995359 no	Warnings:					
Marnings: Information:	Information:					
Information:	15	NPL Documents	C104-Rosner09-1980.pdf	995359	no	11
Telephone	Warnings:					
Warnings: Information: 17 NPL Documents C106-Shacham02-1983.pdf 1018171 no 12 Warnings: 18 NPL Documents C107-Green03-1986.pdf 1254469 no 12 Warnings: Information: 19 NPL Documents C108-Jubin01-1987.pdf 1296133 no 14	Information:					
Information:	16	NPL Documents	C105-Brick09-1980.pdf	2426826	no	22
17	Warnings:					
Warnings: Information: 18 NPL Documents C107-Green03-1986.pdf 1254469 no 12 Warnings: Information: 19 NPL Documents C108-Jubin01-1987.pdf 1296133 no 14	Information:					
Information:	17	NPL Documents	C106-Shacham02-1983.pdf	1018171	no	12
18 NPL Documents C107-Green03-1986.pdf 1254469 no 12 Warnings: Information: 19 NPL Documents C108-Jubin01-1987.pdf 1296133 no 14						
Warnings:	Information:					
Information:	18	NPL Documents	C107-Green03-1986.pdf	1254469	no	12
19 NPL Documents C108-Jubin01-1987,pdf 1296133 no 14						
	Information:					
Warnings:	19	NPL Documents	C108-Jubin01-1987.pdf	1296133	no	14
	Warnings:					

20	Information:					
Information:	20	NPL Documents	C109-Schacham01-1987.pdf	1657033	no	17
21	Warnings:		'			
Marnings: Information:	Information:	1				
Information:	21	NPL Documents	C110-Tsuchiya1988.pdf	516038	no	6
22	Warnings:					
Warnings: Information: 23 NPL Documents C112-RustadSkaugEtAI-IEE E-JournalComm-June-1990. 1274949 no 15 Warnings: Language Language Language 15 Warnings: Information: 26 NPL Documents C115-Brendler01-1992.pdf 869993 no 11 Warnings: Information: 27 NPL Documents C116-Brothers1996.pdf 579165 no 8 Warnings: Information: 28 NPL Documents C116-Brothers1996.pdf 579165 no 8	Information:					
Information:	22	NPL Documents	C111-Epstein1993.pdf	482865	no	7
23	Warnings:					
23	Information:					
Information:	23	NPL Documents	E-JournalComm-June-1990.	1274949	no	15
24 NPL Documents C113-Schoening.pdf 225983 no 3 Warnings: 25 NPL Documents C114-Kanterakis1994.pdf 517096 no 8 Warnings: 26 NPL Documents C115-Brendler01-1992.pdf 869993 no 11 Warnings: 27 NPL Documents C116-Brothers1996.pdf 579165 no 8 Warnings: Information: 28 NPL Documents C117-Woolnough1987.pdf 144766 no 2	Warnings:					
Warrings: Information: 25 NPL Documents C114-Kanterakis1994.pdf 517096 no 8 Warrings: 26 NPL Documents C115-Brendler01-1992.pdf 869993 no 11 Warrings: Information: 27 NPL Documents C116-Brothers1996.pdf 579165 no 8 Warrings: Information: 28 NPL Documents C117-Woolnough1987.pdf 144766 no 2	Information:					
Information:	24	NPL Documents	C113-Schoening.pdf	225963	no	3
25 NPL Documents C114-Kanterakis1994.pdf 517096 no 8 Warnings: 26 NPL Documents C115-Brendler01-1992.pdf 869993 no 11 Warnings: 27 NPL Documents C116-Brothers1996.pdf 579165 no 8 Warnings: Information: 28 NPL Documents C117-Woolnough1987.pdf 144766 no 2	Warnings:					
Warnings: Information: 26 NPL Documents C115-Brendler01-1992.pdf 869993 no 11 Warnings: 27 NPL Documents C116-Brothers1996.pdf 579165 no 8 Warnings: Information: 28 NPL Documents C117-Woolnough1987.pdf 144766 no 2	Information:					
Information:	25	NPL Documents	C114-Kanterakis1994.pdf	517096	no	8
26 NPL Documents C115-Brendler01-1992.pdf 869993 no 11 Warnings: 27 NPL Documents C116-Brothers1996.pdf 579165 no 8 Warnings: Information: 28 NPL Documents C117-Woolnough1987.pdf 144766 no 2	Warnings:					
Warnings: Information: 27 NPL Documents C116-Brothers1996.pdf 579165 no 8 Warnings: Information: 28 NPL Documents C117-Woolnough1987.pdf 144766 no 2	Information:					
Information:	26	NPL Documents	C115-Brendler01-1992.pdf	869993	no	11
27 NPL Documents C116-Brothers1996.pdf 579165 no 8 Warnings: Information: 28 NPL Documents C117-Woolnough1987.pdf 144766 no 2	Warnings:					
Warnings:	Information:					
Information:	27	NPL Documents	C116-Brothers1996.pdf	579165	no	8
28 NPL Documents C117-Woolnough1987.pdf 144766 no 2	Warnings:					
	Information					
Warnings:	28	NPL Documents	C117-Woolnough1987.pdf	144766	no	2
	Warnings:		1			

Information					
29	NPL Documents	C118-Motorola02-04-1983.p df	7417941	no	199
Warnings:					
Information	1				
30	NPL Documents	C119-Sawyer1970.pdf	1427949	no	26
Warnings:					
Information					
31	NPL Documents	C121-EugeneCernanDecWit hExhs-1of2.pdf	20274127	no	501
Warnings:					
Information	1				
32	NPL Documents	C121-EugeneCernanDeclWit hExhs-2of2.pdf	11410998	no	262
Warnings:					
Information					
33	NPL Documents	C122-Mahany-NorandEngin eeringRecord-9-21-89.pdf	1791688	no	51
Warnings:					
Information					
34	NPL Documents	C123-Mahany-Norand-Engin eeringLogSheet-9-21-89.pdf	537066	no	12
Warnings:					
Information	!				
35	NPL Documents	C124-Koenck-NorandEngine eringLogSheet-12-13-91.pdf	716432	no	16
Warnings:					
Information					
36	NPL Documents	C126-Dietz-TN-D6974-09-19 72.pdf	3678867	no	70
Warnings:					
Information	:				
37	NPL Documents	C127-GovReport-NTISPublic ationGPA-Dec-25-1972.pdf	576972	no	4
Warnings:					

C128-NoticeRelssuanceOfIni	
38 NPL Documents tialDetermination-10-2006.pd 277473 no 7	
Warnings:	
Information:	
39 NPL Documents C129-GibsonExpertReport09 9299849 no 188	0
Warnings:	
Information:	
40 NPL Documents C130-HaimovichExpertRepo rt08-31-06-pt1.pdf 11944925 no 30	0
Warnings:	
Information:	
41 NPL Documents C130-HaimovichExpertRepo rt08-31-06-pt2.pdf 14829688 no 311	0
Warnings:	
Information:	
42 NPL Documents C131-CualcommNoticeUnde r282-01-25-2007.pdf 2528233 no 54	4
Warnings:	
Information:	
43 NPL Documents C132-Frankel03-1986.pdf 1108637 no 9	ı
Warnings:	
Information:	
44 NPL Documents C133-Kleinrock12-1995.pdf 1433918 no 17	7
Warnings:	
Information:	
45 NPL Documents C134-Parker01-12-1992.pdf 1422231 no 11	1
Warnings:	
Information:	
46 NPL Documents C135-Schoppe12-1979.pdf 905949 no 8	
Warnings:	

Information:					
47	NPL Documents	C136-Schoppe1984.pdf	766958	no	9
Warnings:					
Information:	1		_		
48	NPL Documents	C137-Kelley1986.pdf	945861	no	13
Warnings:					
Information:					
49	NPL Documents	C138-Johnson1987.pdf	1156901	no	6
Warnings:					
Information:					
50	NPL Documents	C139-JanesMilitaryComm19 83.pdf	968139	no	13
Warnings:					
Information:					
51	NPL Documents	C140-LattierNASATechNote D-7585.pdf	1667032	no	28
Warnings:					
Information:					
52	NPL Documents	C141-Apollo15MissionRepor t12-1971-pt1.pdf	8368842	no	206
Warnings:					
Information:					
53	NPL Documents	C141-Apollo15MissionRepor t12-1971-pt2.pdf	7919325	no	231
Warnings:					
Information:					
54	NPL Documents	C142-Apollo14PressKit01-21 -1971.pdf	4701665	no	111
Warnings:					
Information:					
55	NPL Documents	C143-Apollo16MissionRepor t08-1972-pt1.pdf	9335760	no	194
Warnings:					

Information:					
56	NPL Documents	C143-Apollo16MissionRepor t08-1972-pt2.pdf	8267192	no	199
Warnings:					
Information:					
57	NPL Documents	C144-Apollo17MissionRepor t03-1973.pdf	11840348	no	331
Warnings:					
Information:					
58	NPL Documents	C145-Dabbs03-1972.pdf	1391012	no	20
Warnings:		'			
Information:					
59	NPL Documents	C146-Nossen1977.pdf	1186590	no	21
Warnings:		'			
Information:					
		Total Files Size (in bytes):	177	7301720	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.